

## Chemistry Transfer Program

Student who complete the A.S. degree at Cincinnati State Technical and Community College may transfer into the Bachelor of Science (B.S.) in Chemistry, the Bachelor of Arts (B.A.) in Chemistry, or the Bachelor of Science (B.S.) in Chemistry Education at Wright State University.

The *Associate of Science* Degree at Cincinnati State consists of 64 total credit hours, distributed between the Ohio Transfer Module, First Year Experience course, Cooperative Education, and Electives. Students must earn an overall GPA of 2.0 in order to graduate with the AS degree.

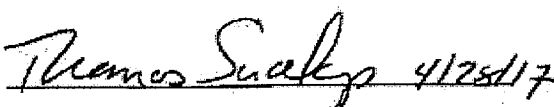
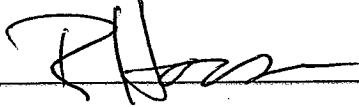
### Admission Requirements to Chemistry major at Wright State

1. Cumulative GPA of 2.0
2. 16 credit hours earned
3. Grade of C or higher in one CHE course

### Additional Information

- Academic information, advisor contacts, and more can be found at [science-math.wright.edu/chemistry](http://science-math.wright.edu/chemistry).
- The Chemistry major offers a Bachelor of Arts, Bachelor of Science, and Chemistry Education options.

This agreement will expire June 30, 2019. Please note, requirements are subject to change. Contact a Wright State advisor in your major at least once a year to verify current requirements.

 4/25/17  5/12/17

Dr. Thomas Sudkamp  
Provost  
Wright State University

Date

Dr. Robbin Hoopes  
Provost  
Cincinnati State Technical & Community College

Date

**Cincinnati State's A.S.**  
to  
**Wright State's Chemistry, B.A. or B.S.**

**Section 1: Ohio Transfer Module at Cincinnati State – 36 Credit Hours**

Wright State recognizes the completion of the Ohio Transfer Module as meeting the requirements for the Core Curriculum, regardless of course-to-course equivalencies.

**Transfer Module English Composition – 6 Credits**

ENG 101 English Composition I	ENG 1100
ENG 1XX Transfer Module English Composition Elective	ENG 2100

**Transfer Module Mathematics – 5 Credits**

MAT 251 Calculus I	MTH 2300 (Math Core)
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**Transfer Module Oral Communication – 3 Credits**

COMM 110 Public Speaking	COM 1010 (Additional Core)
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**Transfer Module Social/Behavioral Sciences – 6 Credits**

List A Course	Social Science Core
List B Course	Social Science Core

**Transfer Module Arts/Humanities – 6 Credits**

List A Course	Arts/Humanities Core
List B Course	History Core substitution

**Transfer Module Natural/Physical Science – 10 Credits**

CHE 121/131 General Chemistry I	CHM 1210/1210L (Science Core)
CHE 122/132 General Chemistry II	CHM 1220/1220L (Science Core)

**Transfer Module Math or Natural/Physical Science – 8-10 Credits**

PHY 151 Physics 1: Algebra- and Trigonometry-based*	PHY 1110/1110L
Or PHY 201 Physics 1: Calculus-based*	Or PHY 2400/2400L
PHY 152 Physics 2: Algebra- and Trigonometry-based*	PHY 1120/1120L
Or PHY 202 Physics 2: Calculus-based*	Or PHY 2410/2410L

**Note: The ACS-certified track requires calculus-based physics.**

**Cooperative Education – 4 Credits**

HUM 190 Career Exploration Seminar	Elective
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**First Year Experience**

FYE 1xx	Elective
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**Directed Electives for associate (Wright State major requirements) 18 Credits**

Electives may be chosen from any of the areas listed above, in accordance with the needs of the Wright State program of study. Courses not listed may be used for elective credit, with the approval of the program chair. The following courses are required for the Wright State degree; therefore, if they are not completed as part of the associate's degree, they will still be required for completion of the bachelor's degree.

Choose one additional Transfer Module Arts/Humanities or Social/Behavioral Science	Wright State Core
MAT 252 Calculus 2*	MTH 2310 (Additional Core)
MAT 253 Calculus 3* (Not required for B.A. degree)	MTH 2320
CHE 201/211 Organic Chemistry I*	CHM 2110/2110L
CHE 202/212 Organic Chemistry II*	CHM 2120/2120L

\*Completion of these courses is necessary to enter Wright State University in the typical third-year of the Chemistry degree program.

This document is intended as a guide only and not as a replacement for academic advising. Students are encouraged to meet with an academic advisor regularly to create an academic plan and assist in timely completion of the Associate of Science degree. Additionally, students should communicate with Wright State to facilitate the transition process.

The remaining requirements listed below are subject to change. Contact the Chemistry Department Chair, Dr. David Dolson, at 937-775-2855 or [david.dolson@wright.edu](mailto:david.dolson@wright.edu) or consult the Wright State catalog.

The following additional courses will be required to complete the **B.S. in Chemistry** at Wright State University.

Course Number and Title	Credit Hours
CHM 3120/3120L Quantitative Analysis with Lab	5
CHM 3190 Chemical Literature and Composition	2
CHM 4200 Inorganic Chemistry I	3
CHM 3510/ 3510L Physical Chemistry I	5
CHM 3520/3520L Physical Chemistry II	5
CHM 4350/4350L Instrumental Analysis with Lab	6
Department Approved Electives	7
General Electives	16
Total	54

The following additional courses will be required to complete the B.A. in Chemistry at Wright State University.

Course Number and Title	Credit Hours
CHM 3120/3120L Quantitative Analysis with Lab	5
CHM 3190 Chemical Literature and Composition	2
CHM 3510L Physical Chemistry Laboratory I	2
CHM 3560 Physical Chemistry for Life Science	3
Chemistry Electives	12
Electives ( Note: 18 of the credit hours must be outside of the College of Science and Math & College of Engineering and Computer Science)	30
Total	54

The following additional coursework will be required to complete the B.S. in Chemistry Education program at Wright State University.

Course Number and Title	Credit Hours
CHM 3120/3120L Quantitative Analysis with Lab	5
CHM 3510/ 3510L Physical Chemistry I	5
CHM 3520/3520L Physical Chemistry II	5
CHM 4350/4350L Instrumental Analysis with Lab	6
Chemistry Electives	6
BIO 1120 Cells and Gene ( <i>Cincinnati State's BIO 131</i> )	4
BIO 1150 Organisms and Ecosystems ( <i>Cincinnati State's BIO 132</i> )	4
EES 2510 Earth Systems	4
EES 2550 Earth History	4
ED 2600 ( <i>Cincinnati State's ECE 150 or EDU 105</i> )	3
ED 2650 Field Experience I	1
ED 2700 Educational Psychology ( <i>Cincinnati State's ECE 210 or EDU 210</i> )	3
ED 2750 Field Experience II	1
ED 2900 Individuals with Exceptionalities ( <i>Cincinnati State's ECE 225 or EDU 200</i> )	3
Total	54

The following additional coursework will be required to complete the B.S. in Chemistry (ACS Certified) program at Wright State University.

Course Number and Title	Credit Hours
CHM 3120/3120L Quantitative Analysis with Lab	5
CHM 3190 Chemical Literature	2
CHM 3510/ 3510L Physical Chemistry I with Lab	5
CHM 3520/3520L Physical Chemistry II with Lab	5
CHM 4170 Applied Chemical Spectroscopy	2
CHM 4350/4350L Instrumental Analysis with Lab	6
CHM 4200 Inorganic Chemistry	3
CHM 4210/4210L Inorganic Chemistry II with Lab	5
BMB 4210 Biochemistry and Molecular Biology I	3
General Electives	10
Total	54